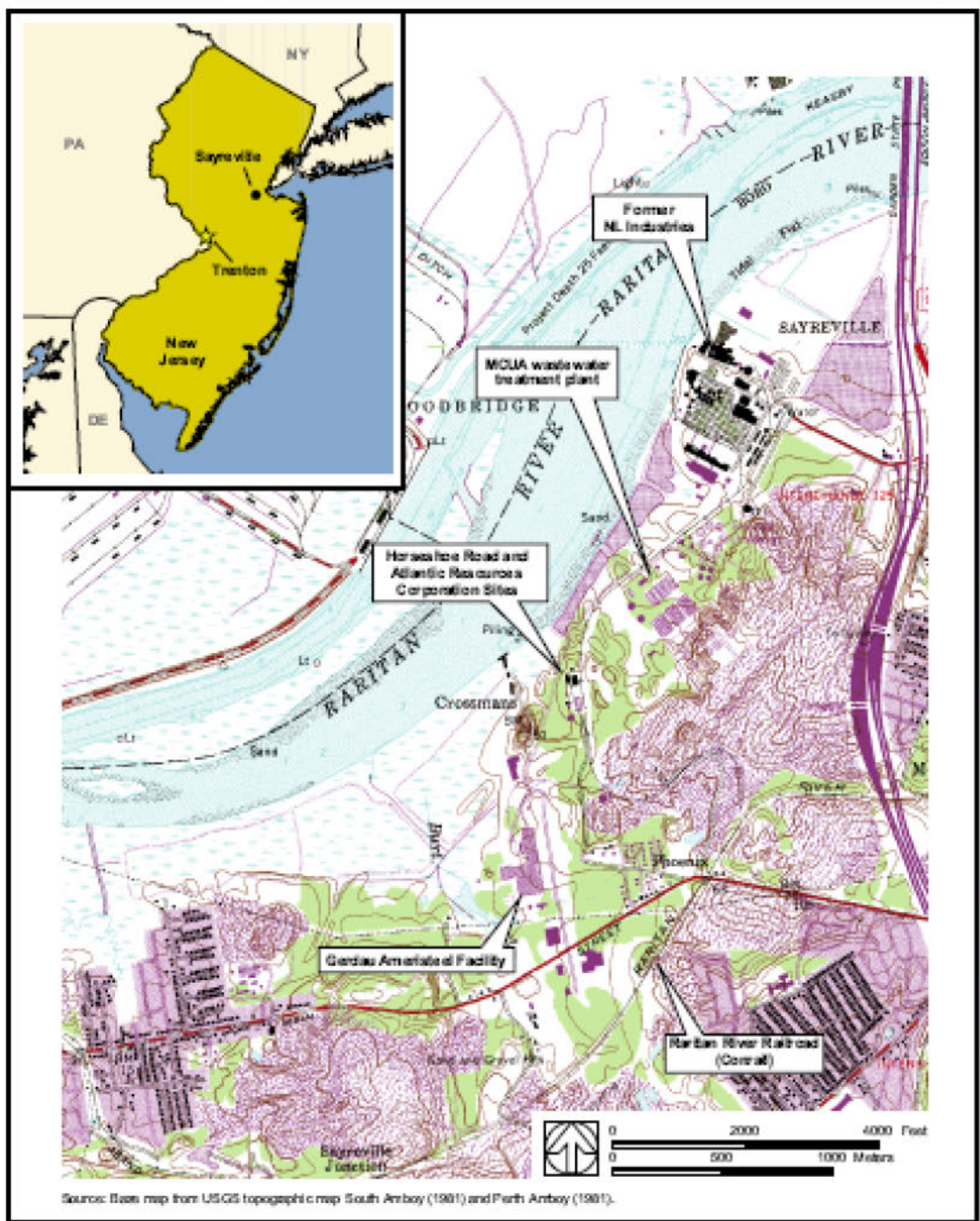


Horseshoe Road Complex and Atlantic Resources Corp. Superfund Sites



Superfund RA Priority Panel

Site Location



The Sites



Site Areas





Aerial view of marsh and river

Remedial Clean-up Phases

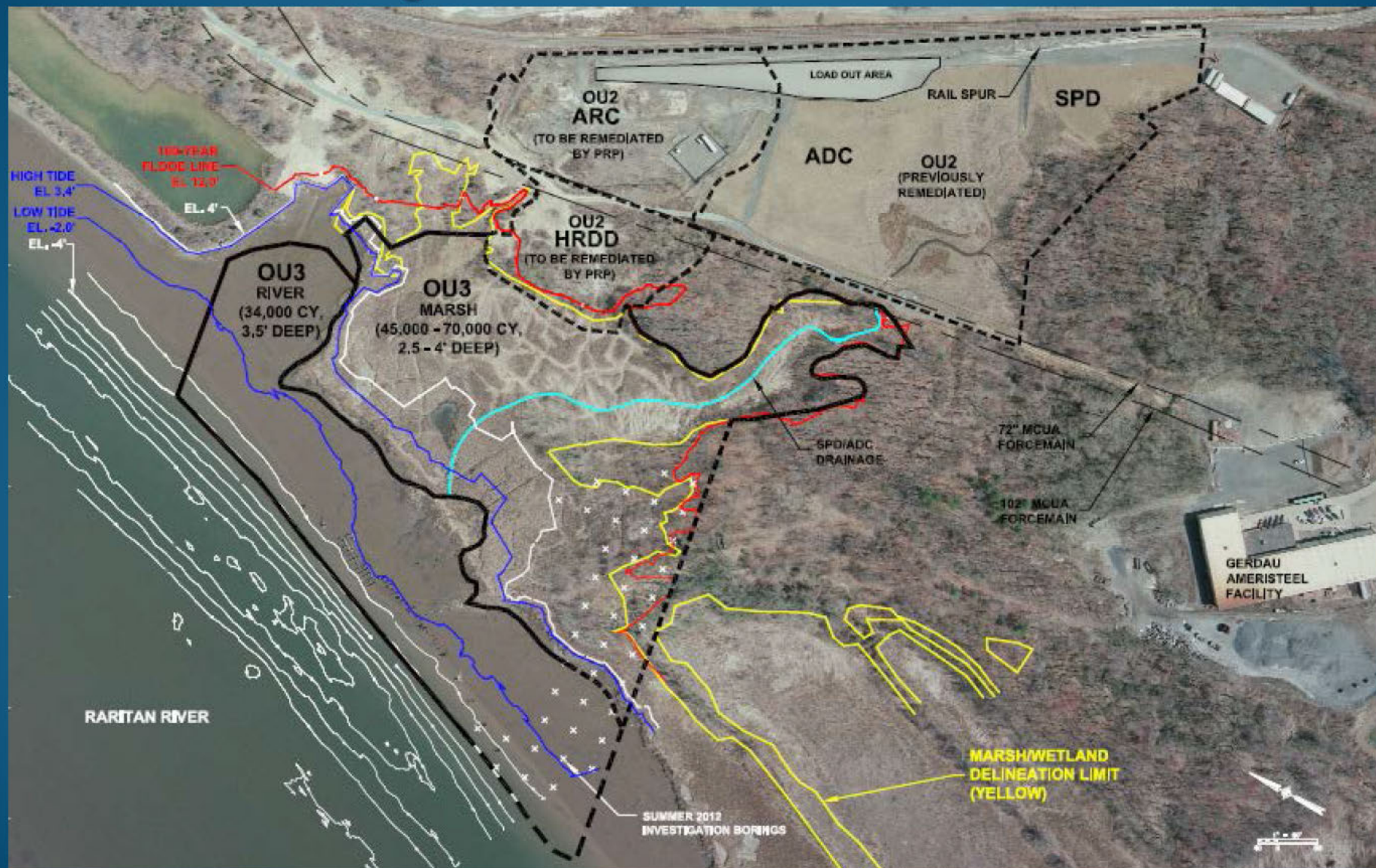


Operable Unit 1 - Building Demolition
(Completed in July 2003)

Operable Unit 2 - Soil and Groundwater
(Clean-up began February 2008, PRP
clean-up to finish in September 2014)

Operable Unit 3 - Marsh and River Sediment
(This action, Starts September 2014)

Site Layout



Scope of Remedy

Marsh Sediment

- Dredge 33,000 cy of contaminated sediment
- Sediment dewatering and offsite disposal
- Backfill with clean sediment
- Restoration of 9.5 Acres of Wetlands

River Sediment

- Dredge 37,000 cy of contaminated sediment
- Sediment dewatering and offsite disposal
- Backfill with clean sediment
- Institutional Controls for both areas



Site Contaminants

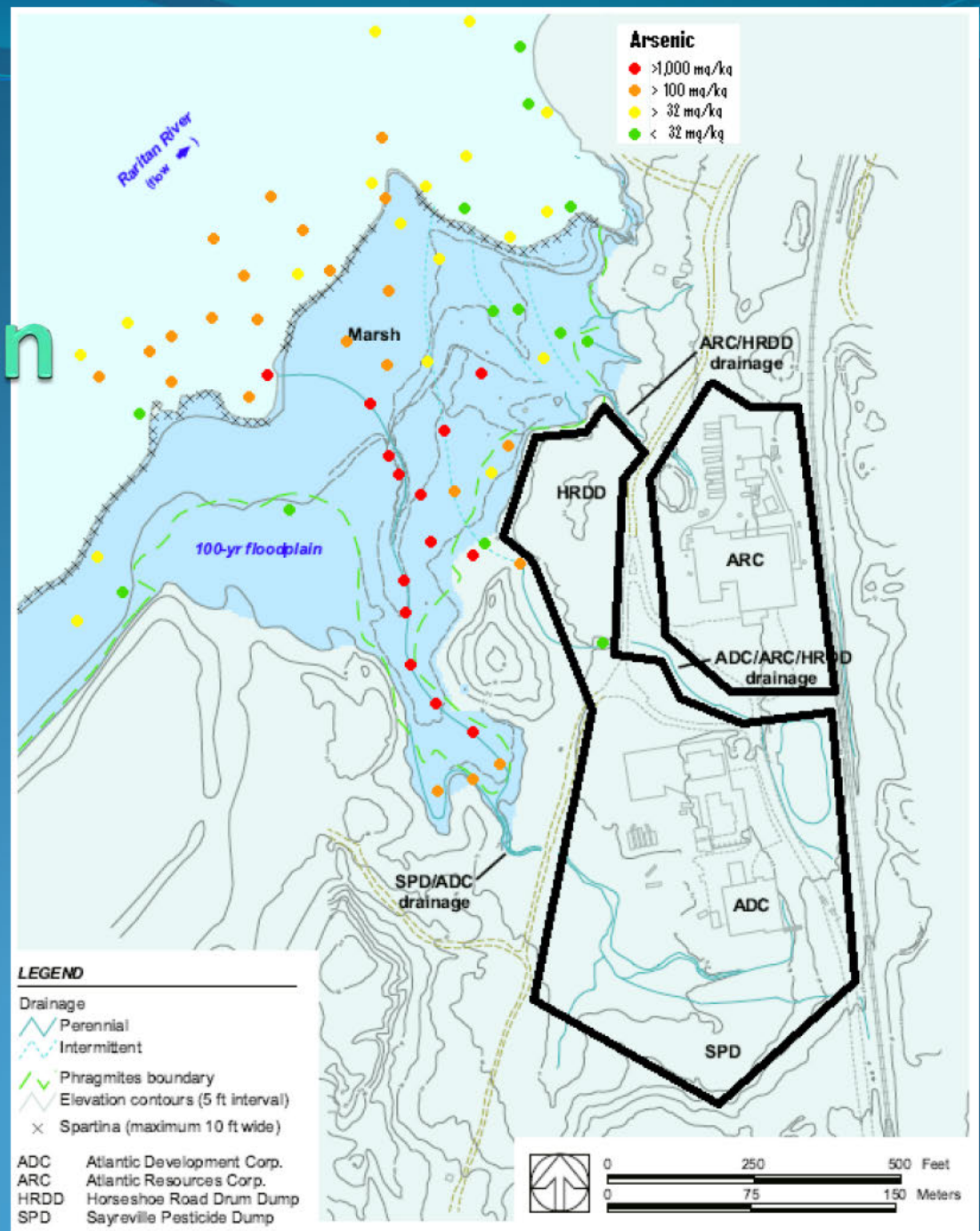
MARSH SEDIMENT CONTAMINATION (mg/kg)

Analyte	Maximum Concentration	Marsh Sediment Cleanup Goals
Arsenic	17,800	32 (0 -1 ft) 160 (1-2.5 ft)
Mercury	385	2 (0-1 ft)
PCBs (Total)	32	Will be addressed by arsenic cleanup

RIVER SEDIMENT CONTAMINATION (mg/kg)

Analyte	Maximum Concentration	River Sediment Cleanup Goals
Arsenic	2,200	100
Mercury	7	2
PCBs (Total)	9.5	Will be addressed by arsenic cleanup

Arsenic Contamination



Film Incinerators



**View from Atlantic Resources toward the
marsh and Raritan River**



Atlantic Resources with bag house and storage tanks



Solvent tanks on Horseshoe Road Complex Site before removal



Leaking tank on Horseshoe Road



Removal work at Horseshoe Road



Debris pile between buildings at Horseshoe Road
many five gallon buckets contained product



Drums found in woods near Horseshoe Road Drum Dump



Chemicals released from corroded drums



Inside Horseshoe Road building



Load-out area during OU 2 RA, looking toward the marsh and river



Marsh and river from MCUA outfall



Marsh with dock pilings in background



Looking from the marsh into the bay



Dock pilings seen from marsh near high tide



Western edge of the marsh after Hurricane Sandy



Damaged sign after hurricane Sandy